

CAPITAL IMPROVEMENT PROJECTS ANNUAL REPORT

FISCAL YEAR 2006

AIRPORT

Santa Barbara Airport Holdroom Expansion Project: (1st Quarter Notice of Completion - \$125,583)

This project expanded the security holdroom on the Terminal's east end used by SkyWest Airlines, who handles both United Express and Delta Airline flights. The completed project consisted of the conversion of about 990 square feet of SkyWest baggage makeup area to security holdroom space. SkyWest Airlines and the Transportation Security Administration strongly supported this project, for which SkyWest relinquished a portion of their baggage makeup area. All construction was completed by mid-August and the Notice of Completion was accepted by Council on September 13, 2005.

Santa Barbara Airport Runway 7-25 Overlay: (2nd Quarter Notice of Completion - \$2,110,613)

This project consisted of a pavement overlay on the Airport's primary runway, Runway 7-25. This is a regular pavement maintenance project that should occur every 10–15 years. Federal Aviation Administration (FAA) standards require that the surface of a commercial runway have a surface treatment to increase friction in wet conditions. The project involved cold-milling off the top one inch of the runway, placing an asphalt concrete overlay, and then saw-cutting transverse grooves across the runway width within the aircraft wheel path zone. The grooves help to drain water off the surface and minimize the chances for hydroplaning. The work was done at night, with as little impact to Airport users as possible. The Notice of Completion was approved at Council on December 20, 2005.

Airport Tidal Restoration Demonstration: (2nd Quarter Notice of Completion - \$757,451)

This project included the introduction of tidal action into one of the Airport's basins in the Goleta Slough by removing approximately 4,000 cubic yards of soil, and grading the resulting basin to elevations that allow tidal influence of the basin. The project also included the installation of a storm drain pipe and tide valve gate for the purpose of terminating the experiment if required, and vegetation restoration of areas disturbed by construction equipment. The Notice of Completion was approved at Council on November 8, 2005.

Area I Mitigation & Creek Corridor Clearing: (\$2,011,308)

The Area I Project work involves native plant restoration and enhancement of a 25-acre site located between the University of California, Santa Barbara bluffs and Tecolotito Creek. It is a complex mixture of grass land including coyote brush scrub, poison oak, oak and willow trees, eucalyptus groves, and weedy patches (especially Pampas Grass). To mitigate for impacts to the Airfield Safety Project (ASP), we are creating about eight acres of new wetlands, enhancing four acres of existing wetlands, and removing exotic weeds and trees from about 12 acres.

The work includes select clearing and grubbing, excavation and grading, drainage, irrigation, and planting almost 17,000 native plants grown from seed collected within the Goleta Slough. The plants for all the ASP mitigation are being cultivated at the Airport in the newly constructed Slough Nursery. The work is 90% complete with planting as the final work item. All work should be completed in August 2006.

Realignment of Tecolotito & Carneros Creeks: (\$6,096,029)

In 2002, Council approved the Aviation Facilities Plan (AFP), which identified two projects to improve safety on the airfield. These included the Runway 7-25 safety area extension and the construction of a new Taxiway M to reduce the risk of runway incursions; together referred to as the Airfield Safety Project (ASP). Associated with the ASP is a wetlands mitigation plan, which is also being implemented. These projects were permitted as a single project, but due to their size and complexity, have been divided into a number of design and construction packages. The realignment of Carneros and Tecolotito Creeks will provide 1,000 foot-long safety areas at each end of Runway 7-25. The confluence of Tecolotito and Carneros Creeks at the west end of the existing runway need to be shifted to the west. This involves excavating approximately 4,600 lineal feet of new creek channel, filling in roughly 2,900 lineal feet of existing channel, installing new storm drains, grading, and creation of new wetland habitat.

Tecolotito Creek Bank Restoration: (\$70,877)

The Tecolotito Creek Bank Restoration work is the first of several habitat mitigation elements that make up the overall mitigation plan for the Airfield Safety Project. This project includes the removal of non-native species from the tops and sides of the berms along Tecolotito Creek. The contractor, Natures Image, started weed removal in December 2004, and has completed five weeding events. The weeding events are completed on an as-needed basis and directed by the project biologist.

Airfield Storm Drain Rehabilitation: (\$1,018,251)

Council approved a \$1,262,317 construction contract on August 16, 2006 for Lash Construction to make the existing airfield drainage system more efficient and reduce impacts to airport operations during heavy rains. After several flood events in the 1990's, the Federal Aviation Administration funded a drainage study to determine if it was feasible to provide better flood protection for airport facilities. Study results indicated that the drainage system could be improved by increasing pipe sizes and slopes, changing from rough pipe (corrugated metal pipe) to smooth pipe, making modifications to inlet and outlet structures, and installing two new segments of storm drain pipe. Lash Construction commenced construction in September 2005 and completed approximately 60% of the project prior to the project being postponed until May 2006 due to permit constraints. Lash has now completed all remaining work and the project is tentatively scheduled for City Council acceptance on August 22, 2006.

Verhelle Road Bridge at San Pedro Creek: (\$1,225,551)

The project consists of replacing the Verhelle Road Bridge on Santa Barbara Airport (Airport) property. The existing Verhelle Bridge is a two-lane bridge across San Pedro Creek, located on the east side of the Airport, providing access to several Airport tenants from Fairview Avenue. The bridge is old and in deteriorating condition.

The new bridge will be located south of the Ampersand Aviation leasehold and across from Matthews Street, and will provide access to Ampersand Aviation, as well as to the northeasterly quadrant of the airfield. The work will include a two-lane clear span bridge with a sidewalk, reconfiguration of the access to Ampersand, security fencing, channel bank stabilization near the bridge, utility relocation, landscaping, lighting, and signage. The Planning Commission approved a Coastal Development Permit for the project on February 19, 2004, and City Council approved a contract for Construction Administration Services, including a constructability analysis with URS, on November 16, 2004.

The contractor commenced construction in June 2005 and has completed all work. The project is tentatively scheduled for City Council's acceptance on August 22, 2006.

CREEKS

Arroyo Burro Estuary Restoration Project: Civil Contract: (\$577,904)

The Arroyo Burro Estuary and Mesa Creek Restoration Project will improve both aquatic and terrestrial wildlife habitat, expand wetlands, increase plant diversity, and improve water quality. The project will also improve pedestrian access between Arroyo Burro Beach County Park and the Douglas Family Preserve, and provide opportunities for educating the public concerning water quality and wildlife habitat. In addition, the project will be the first creek "daylighting" project on the South Coast. "Daylighting" is a term used to describe projects which expose creeks that have been buried in underground culverts by removing the culverts and directing the water through the historic creek channel. Upon completion, the project will result in the restoration of 1.5 acres of coastal estuarine, riparian, oak woodland and coastal sage scrub habitats. The major components of the project include:

- Removing a 300-foot concrete culvert on Mesa Creek.
- Constructing 300 feet of new open creek channel on Mesa Creek.
- Stabilizing the new creek banks using biotechnical bank stabilization methods.
- Expanding coastal estuarine tidewater goby habitat by 6,000 square feet.
- Removing exotic plants within the estuary and Mesa Creek corridor.
- Revegetating the site with over 5,000 native plants/trees.
- Modifying an existing riprap grade control structure to enhance Southern steelhead trout passage.
- Constructing trails and installing a footbridge over the newly constructed channel on Mesa Creek.

Arroyo Burro Estuary Restoration Project: Landscape Contract: (\$333,248)

The landscaper was onsite starting June 19, 2006 to do clearing, grubbing and removal/boxing of trees. The landscaper is scheduled to return in mid September to begin planting.

Hope and Haley Storm Drain Diversion Project: (\$446,700)

The purpose of the Hope and Haley Storm Drain Diversion Project is to improve summer water quality in creeks and beaches within Santa Barbara. The project diverts dry weather flow at two locations, Hope Avenue and Haley Street storm drains. The diversions will take urban runoff from existing City storm drains to the existing sanitary sewer system for treatment at El Estero Wastewater Treatment Facility. Both locations are known to have high levels of indicator bacteria, which contribute to poor creek water quality and beach warnings at Arroyo Burro and East Beach. The project is designed for dry weather flows and both sites will operate from April 1, 2006 to October 31, 2006 each year, pending the end and start of the winter rains.

The Hope diversion is located underground in the parking lot at La Cumbre Plaza (near Hope Ave.) and will operate by gravity flow. The Haley Street drain conveys runoff from the downtown area and discharges into Mission Creek. The Haley site is located underground in the parking lane between De La Vina Street and Brinkerhoff Avenue, and the diversion will require a pump station. The work in this contract will include all labor, material, supervision, plant and equipment necessary to construct and deliver the project.

The Haley Street site is complete and the only work remaining at the Hope Street site is the replacement of a check valve. Construction began in November 2005 and was completed in July 2006.

The Westside Drain Summer Urban Runoff Facility Project: (\$657,998)

The primary purpose of the Westside SURF project is to reduce pathogens in Old Mission Creek by diverting dry weather (April 1 to October 31) flows of summer urban runoff from the Westside Storm Drain to an ultraviolet UV light treatment facility. The treated water will then return to the drain and be discharged into Old Mission Creek.

A citywide Bacterial Reduction Study, sponsored by the Creeks Division, identified the Westside Storm Drain as an opportunity to address a known "hotspot" prior to discharge into Old Mission Creek, and demonstrate the effectiveness of ultraviolet UV treatment for reducing pathogens in summer urban runoff.

The project includes a diversion and oil/water separation structure, a pump station, and a vault that houses a filtration unit and UV treatment facility.

Construction began on June 19, 2006. The UV Vault was the first order of business followed by the diversion structure and pump station.

PARKS & RECREATION

Ortega Park Expansion: (4th Quarter Notice of Completion - \$545,921)

The primary goal of the Ortega Park Expansion Project is to provide additional sports field space for Eastside youth. The Recreation Field Study, jointly funded by the Santa Barbara School District, City of Santa Barbara, and County of Santa Barbara, demonstrated a lack of fields for this area.

Replanting all of the turf areas, replacing the irrigation system, installing a drainage system, adding new trees, and replacing one picnic area, are all part of the field improvements and expansion included in this project.

The project is funded through the City's Capital Improvement Program, the Public Works Bicycle Amenities Program, Roberti-Z'berg-Harris State grant funds, and State Parks and Recreation competitive grant funds.

The Notice of Completion was accepted by Council on June 13, 2006.

Golf Course Safety Improvement Plan - Phase 2: (\$335,708)

The goal of this project was to improve golf course safety by re-grading and shaping several holes, tees and bunkers, adding cart paths, and improving irrigation and drainage. Construction was completed on June 28, 2006.

PUBLIC WORKS:

Cottage Hospital Storm Drain Culvert Project: (\$8,000,000)

As a part of the overall Cottage Hospital Renovation Project, the offsite storm drain is a critical piece of the project that will allow the facility to be protected from the flood waters of Mission Creek. This aspect of the project is very important to meet the life safety needs of the facility and insures the hospital will receive state funding.

The 8' x 8' storm drain box culvert will begin on Junipero Street and Castillo Street, turn left on to Oak Park Lane, and terminate at Mission Creek. The storm drain box culvert will be inspected, owned, and maintained by County Flood Control. All appurtenances that connect to the box culvert, which include catch basins and associated piping, will be the City's responsibility to inspect, own, and maintain. In addition to the storm drain work, existing water and sewer infrastructure will need to be relocated to accommodate the box culvert, as well as reconstruction of the street pavement.

Under normal conditions, work of this nature is inspected by in-house staff. Due to an overwhelming amount of construction in the public right-of-way, staff has appropriated funds during plan review to cover the cost of consultant inspection services.

STREETS/TRANSPORTATION/PARKING PROGRAM:

Pueblo Street Bridge Emergency Repair: (1st Quarter Notice of Completion - \$351,037)

The completed project consisted of strengthening the bridge abutments by installing micro-piles. The project required traffic control/detour, de-watering, pressure grouting, sub-soil investigation, and coring/drilling through the abutment walls to determine the extent of possible sinkholes. All construction was completed by the beginning of July and the Notice of Completion was accepted by Council on September 13, 2005.

Sidewalk Infill Fiscal Year 2004: (1st Quarter Notice of Completion - \$438,934)

The completed project consisted of constructing 17,670 square feet of sidewalks, 11 wheelchair ramps, 545 lineal feet of curb and gutter, 2,775 square feet of driveways, and other concrete improvements, all at various locations within the City. Also, in accordance with the City's Circulation Element, over 12,000 square feet of parkway was planted with drought tolerant groundcover, and 4 trees were planted. All construction was completed by mid-July and the Notice of Completion was accepted by Council on August 16, 2005.

Slurry Seal Area F: (1st Quarter Notice of Completion - \$999,401)

The Slurry Seal Program operated in coordination with the Pavement Preparation Program, and treated approximately 5.9 million square feet of pavement located in Maintenance Area F. Area F includes the Mesa, the southeast side neighborhood, the upper Riviera, and the Sycamore Canyon area. Additionally, Parking Lots 5 and 11 were repaired and treated as part of this project.

This project consisted of crack sealing, slurry sealing, and traffic striping. Crack seal was applied to cracks in the road surface that were greater than ¼-inch, and was performed in localized areas ahead of the slurry seal. The slurry seal treatment applied an approximate ¼-inch thick slurry that sealed the streets, filled minor irregularities, and provided an additional wear surface to the existing asphalt. All construction was completed by mid-June and the Notice of Completion was accepted by Council on August 16, 2005.

Area F Overlay: (2nd Quarter Notice of Completion - \$526,070)

This Overlay Program treated approximately 220,000 square feet of pavement located in Maintenance Area F. The project consisted of street pavement maintenance, such as asphalt grinding and asphalt overlay. Additionally, concrete improvements were made in various locations adjacent to the pavement reconstruction. These improvements included reconstruction of concrete curbs, gutters, cross-gutters, access ramps, sidewalks and driveways. In particular, curb and gutter and access ramps were installed on Constance Ave. to coordinate with the sidewalk infill program for future improvements. The Notice of Completion was approved at Council on November 1, 2005.

Sidewalk Repairs and Access Ramps Fiscal Year 2004: (2nd Quarter Notice of Completion - \$432,760)

This completed project used a combination of alternate construction materials at 19 chosen sites around Ficus Trees as a trial to prolong sidewalk life around invasive tree roots and to protect the existing trees. The materials included rubber sidewalk, permeable concrete, concrete pavers, bio barrier, enlarged tree planters, and steel plate curbs. Over the coming years these alternate materials will be assessed and compared to conventional sidewalk in order to determine if they can be used in future City projects.

The project consisted of constructing 8,114 square-feet of sidewalk, 532 square-feet of rubber sidewalk, 478 square feet of permeable concrete sidewalk, 685 square-feet of concrete pavers, 12 wheelchair ramps, 637 lineal feet of curb and gutter, and other concrete improvements, all at outer State Street and Modoc Road. Also, in accordance with the City's Circulation Element, over 3,600 square-feet of parkway was constructed and filled with decomposed granite, and 7 trees were planted. All work was completed by November 2005, and the Notice of Completion was approved at Council on December 6th, 2005.

Ortega Pedestrian Bridge Art Elements: (3rd Quarter Notice of Completion - \$137,045)

The much traveled pedestrian bridge at Ortega Street, over-crossing Highway 101, now has its new look. Aided by a federal grant obtained with assistance from Congresswoman Lois Capps, the project includes specially designed art elements throughout the bridge. The art elements, illustrating native aloe plants, birds, and various archways, were completed on February 1, 2006. The Notice of Completion was accepted by Council on March 14, 2006.

Coronel Street Linkage Improvements, Phase 1: (\$98,760)

The Public Works Department received a Fiscal Year 2006 Community Development Block Grant (CDBG) for the construction of the Coronel Street Linkage Project. Located on Coronel Street, beneath McKinley School, students, their families, and others who reside in the Lower Westside Neighborhood and who walk or bike to and from school, use this portion of Coronel Street extensively. Currently, the area invites graffiti, loitering, etc. This project will provide a convenient and safe corridor for the surrounding neighbors.

This project will be comprised of 2 separate phases. The current project, known as Coronel Linkage - Phase I, will include installing a fence along the hillside between Coronel Street and McKinley School. The fence will be located up-gradient from the existing abandoned parking lot and concrete retaining wall. An access gate will also be replaced, and the existing pavement will be treated. Benches, stone columns, and boulders will also be added to beautify the area.

Phase II, to be completed at a later date, will include a pocket park, ornamental landscaping, lighting, a Class I bicycle path, and a wide sidewalk for pedestrians.

Local Road Rehabilitation Project: (\$1,613,609)

This project will rubberize asphalt overlay of approximately one mile of Hollister Avenue from Aero Camino easterly, to the City limits just west of Fairview Avenue, and grind and overlay Chapala Street from Constance Avenue to Mission Street. Additionally, street striping and traffic sensor loops will be replaced, damaged driveways, sidewalk, curb and gutter will be removed and replaced. Construction of new access ramps, and grinding the lips of existing access ramps to make them conform to new standards will also be performed.

In the Fourth Quarter of Fiscal Year 2006, all paving and striping was completed. Notice of Completion is scheduled for August 22, 2006.

Milpas Street Beautification: (\$1,022,538)

The elements of this project were selected after a significant public outreach process and approval by the Architectural Board of Review.

The work for the Milpas Street Beautification Project consists of lighting and amenity upgrades along North Milpas between Quinientos Street and Cannon Perdido Street to enhance pedestrian travel and safety, and is consistent with the scope of work set by Council during funding allocation years. The following elements are proposed for final design:

- Pedestrian lighting
- Sidewalk repair
- Bus stop upgrades
- Upgraded railing
- New street trees and tree grates
- Paint poles and utility boxes
- Curb bulbouts

Pavement Preparation Area A: (\$350,545)

The Area A Pavement Preparation Project was constructed prior to, and in coordination with, the Slurry Seal program. The intent is to repair failed pavement areas prior to the slurry seal by grinding or removing and replacing asphalt, or by filling holes to create a smooth, safe surface for traffic circulation. Parking Lots 8, 12, the Cota Commuter Lot, and Cabrillo Arts Pavilion Parking Lot, have been included in the project on behalf of the Parking Division and Waterfront Department, to take advantage of economies of scale.

Punta Gorda-Voluntario Street Improvements Project: (\$388,680)

This improvement project is located along Punta Gorda-Voluntario Street between Indio Muerto and the Sycamore Creek Bridge. The project included the installation of new sidewalk, curb and gutter, and an upgraded bus stop. Also installed were four access ramps, conduit and pull boxes for future street lighting, replacing seven trees with seven new street trees, landscaping, and resurfacing of Punta Gorda and Voluntario Streets within the project limits. Construction was completed by the end of May 2006.

City staff received a Community Development Block Grant Program grant for the design of this project during Fiscal Year 2005. City staff then received a Work Force Housing Reward Grant to fund a portion of the construction of this project. The balance of the project costs were paid for using Streets Capital Funds.

Slurry Seal Area A: (\$1,358,198)

The Area A Slurry Seal (see attachment) is part of the annual asphalt concrete pavement maintenance program, along with the Area A Pavement Preparation contract, which is constructed by separate contract prior to, and in coordination with, the Slurry Seal program. The intent of these projects is to maintain the City's asphalt concrete infrastructure using a structured and systematic approach. The City is divided into six pavement maintenance areas, and in general, one maintenance area is maintained each year. This year's area, Area A, includes the downtown core area between US 101 and Mission Street, and between US 101 on the west and Milpas Street on the east.

Signalization – Santa Barbara Street at Ortega: (\$163,278)

The work consists of constructing a traffic signal and safety lighting system, pavement markings, a new sidewalk, curb and gutter, and access ramps at the intersection of Santa Barbara and Ortega Streets. The project design was altered to accommodate the suggestions of the Historic Landmarks Commission during the Third Quarter 2006. Work is not expected in the field until FY 2007.

West Side Storm Water Control Project Phase II: (\$4,705,773)

Santa Barbara County Flood Control and the City of Santa Barbara are pleased to announce that the West Side Storm Drain Project, Phase II has started. Phase I, located downstream, and was constructed in 1996-1997. Certain streets and intersections on the West Side are subject to inundation during the most frequent of rainfall events. This project will help alleviate this problem.

Phase II will consist of a main line storm drain (48" to 54" diameter) in Chino Street from Micheltorena Street to Mission Street, and then continue up Mission Street to Gillespie Street, and north on Gillespie Street to Portesuello Street. Two smaller storm drain branches will be constructed in Mission Street, from Gillespie Street to Monterey Street, and in Valerio Street, from Chino Street to San Andres Street. Curb inlets and access ramps at various intersections will also be constructed as part of this project. The work will be performed by Lash Construction of Santa Barbara.

Construction began on April 24, 2006 with a ground breaking ceremony on May 4, 2006. Work is scheduled to be complete by November 2006.

WATER/WASTEWATER:

Secondary Clarifiers Improvements – Weirs, Launderers, and Scum Collectors: (3rd Quarter Notice of Completion - \$389,823)

This project consists of upgrading the Secondary Clarifiers at the El Estero Wastewater Treatment Plant. Included in the project are installation of inlet baffles for flow distribution, replacement of Secondary Clarifier collector chains and flights, scum troughs, launder supports, mechanism returns, guide rails, and weirs. Also included is the repair of spalled concrete. In the fourth quarter of Fiscal Year 2005, the contractor commenced fabrication of the scum trough collectors and bracing. The project was completed in the Third Quarter of Fiscal Year 2006. Notice of Completion was filed March 23, 2006.

Sheffield Water Quality Project Permanent Reservoirs: (\$14,547,177)

The main elements of this project are the construction of two buried 6.5 million gallon capacity concrete reservoirs, and conversion of the parcel to a passive open space. The existing open reservoir has been demolished, construction of the new tanks has been completed, and the area around the water tanks has been backfilled for the planting of trees and plants.

During the Fourth Quarter of Fiscal Year 2006, work consisted of fencing and continued planting of 35,000 plants. The project is approximately 99% complete and is scheduled to be completed by the end of the First Quarter of Fiscal Year 2007.

Conejo Road and Lane Wastewater Main Rehabilitation Project: (\$ 203,560)

The project will rehabilitate 1,700 feet of wastewater main throughout the Conejo Lane and Road area. The project is being performed in response to land movement on the area that has compromised the integrity of the existing mains. The project was awarded in the Third Quarter of 2006. Work was completed during the Fourth Quarter of 2006.

New Blower at El Estero Wastewater Treatment Plant: (\$1,149,310)

Currently, two large blowers supply air to support activated sludge microbial life in the aeration basins at the El Estero Wastewater Treatment Plant. Since their installation as part of the original plant, technology for introducing air into activated sludge processes has improved significantly. Fine bubble diffusers now supply air more efficiently than the antiquated medium bubble diffusers. The existing large blowers consume excess energy and are becoming obsolete. This project will replace the antiquated medium bubble diffuser with a fine bubble diffuser to lower electrical usage and cost. The installation of a smaller blower has been identified as a necessary project in the El Estero Strategic Plan. During the Second Quarter of 2006, the blower, associated piping, and electronic controls were installed, and the system was started and tested. During the Fourth Quarter of Fiscal Year 2005, the blowers were tested and deficiencies were corrected. Training, commissioning of the blower and valves, and completion of the project took place during the First Quarter of Fiscal Year 2006. While the project is complete, the blower capacity still appears to be below the plant requirements. As such, the blower system is being re-evaluated in coordination with other plant improvements to assure plant requirements are met.

Plant Equipment Upgrades: (\$5,710,308)

The project consists of three upgrades to the following plant facilities and the construction of a new reclaimed water pump station at La Mesa Park:

- 1) Thickened Sludge Pump Station: A new sludge pump station will be constructed on site to replace the existing station, which is ill-configured and has pumps that are corroded, experience a high rate of plugging, and require high maintenance. The proposed facility will provide the plant with mechanical redundancy and greater pumping capacity for thickened sludge.
- 2) Digester Mixers Upgrades: This effort will clean and retrofit both digesters with a new pump mixing system that has become the industry standard. The project includes removing the existing corroded gas mixing system, removing a temporary mixing pump, and installing new external mixing pumps, new piping, and related appurtenances. During the Third Quarter of Fiscal Year 2006, the contractor completed work on Digester No. 1, put it back into service, and cleaned Digester No. 2.
- 3) Influent Pump Station: A new dry-pit submersible pump will be installed on an existing pedestal in the plant's Influent Pump Station. The new pump will serve as the primary influent pump and will alleviate problems associated with high influent flows into the Plant.
- 4) Reclaimed Water Pump Station: A new reclaimed water pump station will be constructed at La Mesa Park to boost the system line pressure in the area between La Mesa Park and the Santa Barbara Golf Club, improving reclaimed water service for customers.

During the Fourth Quarter of Fiscal Year 2006, the contractor completed the upgrade of both Digesters and finished 90% of the Thickened Sludge Pump Station (TSPS) building. The project is scheduled to be completed in the Second Quarter of Fiscal Year 2007.

Primary and Secondary Clarifiers, Aeration Basins and Filter Rehabilitation: (\$2,577,943)

This project consists of upgrading the aeration basins by installing two selector baffles in each basin, reconfiguring the aeration diffuser system, installing new oxygen diffusers, and replacing step-feed gates. In addition, work on the Secondary Clarifiers will include installing inlet flow distribution baffles, replacing mechanism return, guide rails, wear strips, replacing sludge collector chains, flights, and sprockets, and coating portions of the interior concrete in the clarifiers. Work on the Primary Clarifiers includes replacing the mechanism guide, return rails, installing wear strips, and coating a portion of the concrete in each clarifier.

During the Fourth Quarter of Fiscal Year 2006, the contractor installed new stainless steel rails in the Secondary Clarifiers and in the Primary Clarifiers, replaced existing rails, crack-sealed and surface sealed one of the concrete tanks, and demolished the mechanism and rails, and crack-sealed another tank. In the Aeration basins, the contractor installed new air diffuser grids. This project is scheduled to be completed in the Second Quarter of Fiscal Year 2007.

Campanil Pump Station: (\$305,601)

The effort to upgrade the City's Campanil Pump Station is a part of the Water Resources Fiscal Year 2003 Capital Improvement Program. The Campanil Pump Station is an existing water pump station that services the Campanil Hill residential area from the City's Hope Reservoir.

The upgrades for the pump station include upsizing the pumps to better meet peak demand flows, upgrading the electrical service from two-phase to three-phase power, and replacing all related electrical equipment. These improvements will increase the energy efficiency, which will result in lower operational costs. Work in the field began during the fourth quarter of Fiscal Year 2006. The project is expected to be completed during the first quarter of Fiscal Year 2007.

Water Main Replacement Project FY 2003/2004: (\$3,987,489)

The Water Main Replacement Project work will install approximately 32,000 linear feet of water main. The project uses two year's of Water Main Replacement funding, and the scope of work replaces approximately 2% of the City water mains. The water main replacements are located throughout the City and are scheduled to be complete during the second quarter of FY 2007.

Work on De La Guerra Street and Quarantina Street was completed during the Fourth Quarter of Fiscal Year 2006.

San Marcos Lift Station Abandonment: (\$322,850)

This project consists of the abandonment of an existing sewage lift station and the construction of a new gravity wastewater main connecting to a Goleta Sanitary District wastewater main. The proposed gravity sewer main associated with the lift station abandonment will be constructed using micro-tunneling technology. Construction began on June 26, 2006.

East & Tunnel Reservoir Maintenance Project: (\$811,431)

Notice to Proceed was issued January 30, 2006. Structural upgrades, coating and painting have been completed. Tunnel Reservoir came back on line in June 2006 and East Reservoir was back on line in July 2006.

Mission Canyon Road Water Main: (\$273,318)

This project will install approximately 1,400 linear feet of water main from the Botanical Gardens entrance northerly on Mission Canyon Road.

In the Fourth Quarter of Fiscal Year 2006, the project was awarded to Schock Contracting Corporation and is scheduled to be completed in the Second Quarter of Fiscal Year 2007.

FACILITIES:

Conversion of 6.6 Streetlights: (\$428,000)

The Chapala Street 5,000 volt 6.6 Amp Street Light system is being upgraded to a safer and more repairable 110 volt electrical system, to include all new pull boxes, conduit, wire, lamps, and ballasts. The scope of work also includes conduit put in place for future communications connectivity to include pull boxes, conduit, and Maxcell with pull ropes. The project area is from U.S. 101 to Anapamu Street along both sides of Chapala Street. All new installations are underground.

The project is 98% complete. The awarded contractor is no longer in business. Arrangements are being made to complete the project with a substitute contractor.

Eastside Library Addition & Remodel: (\$396,000)

Upgrade public restrooms to American Disabilities Act (ADA) standards. This includes minor additional work in the staff work room and additional upgrades of the staff break room to ADA standards.

The construction is proceeding as scheduled. The rough framing, electrical, HVAC, and plumbing inspections were scheduled in July 2006. The project is now 50% complete with an estimated completion date of October 31, 2006.

Police Department Flooring: (\$120,000)

The Police Department Flooring, Phase 4 (Detective's area) started on May 8, 2006. The new flooring, painting, and clean up of phone and data lines was completed in mid-June 2006 and additional office areas are being evaluated for re-carpeting.

El Estero Crew Quarters: (\$205,000)

This project consists of converting the existing space in the chlorine building into crew quarters, bathrooms and a dispatch room.

Plumbing, electrical, mechanical, and interior partitions and finishes are also included in this project.

Construction began on July 17, 2006 and it expected to complete by November 17, 2006.

REDEVELOPMENT AGENCY:

Granada Garage: (4th Quarter Notice of Completion - \$21,499,086)

With an engineer's estimate of \$20.4 million, Council awarded the Granada Garage Project to McCarthy Building Companies Inc. for the low bid amount of \$19.8 million in August 2004. Scheduled to last 15 months, construction began in September 2004, followed by an extremely wet winter, and the discovery of 78,000 cubic feet of contaminated soil. This resulted in a combined total project delay of over 3 months. Determined to meet the staff's commitment to the Downtown Merchants of having parking available by the 2005 Holiday Season, an accelerated work schedule was approved. On Friday, November 25, 2005, the parking structure portion of the project was partially opened for use with 262 parking spaces available on three floors.

On March 24, 2006, the parking structure was opened completely with 570 parking spaces available on 6 floors, followed by the completion of the office building and project, on June 12, 2006. Notice of Completion was accepted by Council on June 27, 2006.

Restrooms at 914 State Street: (\$314,214)

This project constructs a 334 square foot men's and women's restroom in the paseo between Border's Bookstore and the Fiesta Five Theatre at 914 State Street. In the Third Quarter of Fiscal Year 2006, Council awarded the project to Thomson Construction, Incorporated. In the Fourth Quarter of Fiscal Year 2006, demolition of existing sidewalk was completed and construction of the foundation, underground utilities, and concrete masonry unit walls was completed. The project is scheduled to be completed in the First Quarter of Fiscal Year 2007.

WATERFRONT:

Chandlery Building Remodel and Waterfront Offices: (1st Quarter Notice of Completion - \$2,692,347)

This completed project consists of an extensive remodel and upgrade of the existing 6,280 square foot Chandlery Building.

Together with a 3,462 square foot expansion of the building, the project also included widening the sidewalk adjacent to the building along the breakwater and relocation of the utility lines. The building will provide consolidated offices for the Waterfront Administration /Harbor Patrol, and new first floor West Marine retail space, and a second floor space leased to Bob Kieding, Chandlery Yacht Sales. All construction was completed in late June 2005 and the Notice of Completion was accepted by Council on September 20, 2005.

Fish Float North Replacement: (\$395,010)

The Fish Float is located along the north side of the pier and was identified in the Capital Improvement Program for replacement in Fiscal Year 2006. The project will remove the existing concrete dock and wooden gangway, and replace them with a new concrete dock system and aluminum gangway. The utilities will be replaced, which will include moving the power stations from the pier to the new dock. Seven concrete guide piles will be replaced, along with five timber mooring piles.